

10/734,850

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1204bxd

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 6 SEP 27 STANDARDS will no longer be available on STN
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN
NEWS 8 OCT 28 KOREAPAT now available on STN
NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current
search transcripts to be affected by CERAB, COMPUAB, ELCOM,
and SOLIDSTATE reloads
NEWS 10 NOV 30 PHAR reloaded with additional data
NEWS 11 DEC 01 LISA now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:16:22 ON 02 DEC 2004

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:16:30 ON 02 DEC 2004

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 DEC 2004 HIGHEST RN 791553-15-6
DICTIONARY FILE UPDATES: 1 DEC 2004 HIGHEST RN 791553-15-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

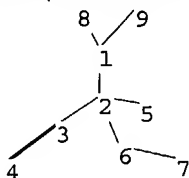
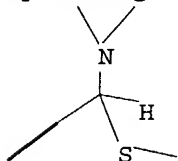
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10734850.str



chain nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

1-2 1-8 1-9 2-3 2-5 2-6 3-4 6-7

exact/norm bonds :

1-2 1-8 1-9 2-6 6-7

exact bonds :

2-3 2-5 3-4

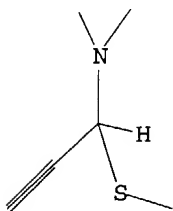
Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

L1 STRUCTURE UPLOADED

=> d query

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 17:16:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 17:16:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

L3 5 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 155.42 155.63

FILE 'CAPLUS' ENTERED AT 17:16:57 ON 02 DEC 2004
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FILE COVERS 1907 - 2 Dec 2004 VOL 141 ISS 23
FILE LAST UPDATED: 1 Dec 2004 (20041201/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

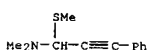
=> s l3
L4 2 L3

=> d l4 1-2 abs ibib hitstr

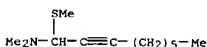
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 AB An alkynyl S,N-acetal derivative of the present invention is represented by the following structural formula I, wherein R1 represents a hydrogen atom, an alkyl group, an aryl group, an alkenyl group, a silyl group, or an alkynyl group; each of R2 and R3 represents an alkyl group or an allyl group; and R4 represents an alkyl group. The alkynyl S,N-acetal derivative, a novel compound, is useful as a raw material of propargylamine.
 ACCESSION NUMBER: 2004:701851 CAPLUS
 DOCUMENT NUMBER: 141:206822
 TITLE: Alkynyl S,N-acetal derivative and method of producing the same
 INVENTOR(S): Murali, Toshiaki; Mutoh, Yuichiro
 PATENT ASSIGNEE(S): Gifu University, USA
 SOURCE: U.S. Pat. Appl. Publ., 6 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004167346	A1	20040826	US 2003-734850	20031211
JP 2004256400	A2	20040916	JP 2003-46332	20030224
PRIORITY APPLM. INFO.:			JP 2003-46332	A 20030224

OTHER SOURCE(S): MARPAT 141:206822
 IT 705262-05-1P 744245-90-7P 744245-94-1P
 744245-97-4P 744246-01-3P
 RL: PREP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (alkynyl S,N-acetal derivative and method of producing the same)
 RN 705262-05-1 CAPLUS
 CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-phenyl- (9CI) (CA INDEX NAME)

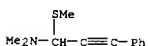


RN 744245-90-7 CAPLUS
 CN 2-Nonyn-1-amine, N,N-dimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)



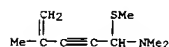
RN 744245-94-1 CAPLUS
 CN 4-Penten-2-yn-1-amine, N,N,4-trimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 AB Sequential reactions of thioiminium salts generated from thioamides and Me triflate with organolithium and -magnesium reagents proceed smoothly to give tertiary propargylamines in moderate to high yields. In all cases, two different organometallic reagents are incorporated into the starting thioamides.
 ACCESSION NUMBER: 2004:344138 CAPLUS
 DOCUMENT NUMBER: 141:53987
 TITLE: Synthesis of Tertiary Propargylamines by Sequential Reactions of in Situ Generated Thioiminium Salts with Organolithium and -magnesium Reagents
 AUTHOR(S): Murali, Toshiaki; Mutoh, Yuichiro; Ohta, Yukiya; Murakami, Masahiro
 CORPORATE SOURCE: Department of Chemistry, Faculty of Engineering, Gifu University, Gifu, 501-1193, Japan
 SOURCE: Journal of the American Chemical Society (2004), 126(19), 5968-5969
 CODEN: JACSAT; ISSN: 0002-7863
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:53987
 IT 705262-05-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (synthesis of tertiary propargylamines by sequential reactions of thioamides with organolithium and -magnesium reagents)
 RN 705262-05-1 CAPLUS
 CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-phenyl- (9CI) (CA INDEX NAME)

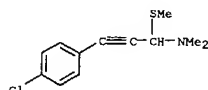


REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

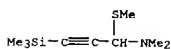
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (continued)



RN 744245-97-4 CAPLUS
 CN 2-Propyn-1-amine, 3-(4-chlorophenyl)-N,N-dimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)



RN 744246-01-3 CAPLUS
 CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-(trimethylsilyl)- (9CI) (CA INDEX NAME)



=> logoff y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
11.28	166.91

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.40	-1.40

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STN INTERNATIONAL LOGOFF AT 17:19:20 ON 02 DEC 2004